

Attorney's Docket 021058-0280281
Client Reference: 2409719/2252353-PHH

APR 09 2004
OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:
JOHN COOPER ET AL.

Confirmation Number: 3688

Application No.: 09/830,778

Group Art Unit: 3641

Filed: August 7, 2001

Examiner: H. Blackner

For: NON-PRIMARY DETONATORS

Mail Stop Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT/RESPONSE TRANSMITTAL

Transmitted herewith is an amendment/response for this application.

EXTENSION OF TIME

The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for a 1 month extension of time under 37 C.F.R. 1.136.

FEES

The fee for claims and extension of time (37 C.F.R. 1.16 and 1.17) has been calculated as shown below:

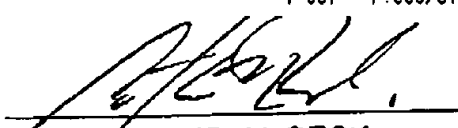
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL	34	- 34	= 0	x \$ 18.00	= \$ 0.00
INDEP.	6	- 6	= 0	x \$ 86.00	= \$ 0.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$ 290.00	= \$ 0.00
TOTAL ADDITIONAL CLAIM FEE					\$ 0.00
EXTENSION OF TIME FEE					\$ 110.00
GRAND TOTAL					\$ 110.00

FEE PAYMENT

Authorization is hereby made to charge the amount of \$110.00 to Deposit Account No. 033975. Charge any additional fees required by this paper or credit any overpayment in the manner authorized above. A duplicate of this paper is attached.

Date: April 9, 2004

PILLSBURY WINTHROP LLP
P.O. Box 10500
McLean, VA 22102
(703) 905-2013


CHRISTOPHER M. BECK
R g. No. 52,603

PTO/SB/17 (10-03)
Approved for use through 07/31/2008 OMB 0851-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003 Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$ 110.00)
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Complete if Known	
Application Number	09/830,778
Filing Date	August 7, 2001
First Named Inventor	JOHN COOPER
Examiner Name	H. Blackner
Art Unit	3641
Attorney Docket No.	021058-0280281

<h3 style="text-align: center;">METHOD OF PAYMENT (check all that apply)</h3> <p> <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account </p> <p> Deposit Account Number: 03-3975 Deposit Account Name: PILLSBURY WINTHROP LLP </p> <p>The Director is authorized to: (check all that apply)</p> <p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account </p> <h3 style="text-align: center;">FEE CALCULATION</h3> <table border="1" style="width: 100%;"> <tr> <th colspan="2">1. BASIC FILING FEE</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <th>Large Entry Fee Code (\$)</th> <th>Small Entry Fee Code (\$)</th> <th></th> <th></th> </tr> <tr> <td>1001 770</td> <td>2001 385</td> <td>Utility filing fee</td> <td></td> </tr> <tr> <td>1002 340</td> <td>2002 170</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003 530</td> <td>2003 265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004 170</td> <td>2004 385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005 150</td> <td>2005 80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1) (\$)</td> <td>0.00</td> <td></td> </tr> </table> <h3 style="text-align: center;">2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</h3> <p> Total Claims: 34 -20** = 0 x Fee from below = 0 Independent Claims: 6 x33** = 0 x Fee from below = 0 Multiple Dependent: -5** = = 0 </p> <table border="1" style="width: 100%;"> <tr> <th colspan="2">Large Entry Fee Code (\$)</th> <th colspan="2">Small Entry Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>1202 18</td> <td>2202 9</td> <td>1201 86</td> <td>2201 43</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1203 290</td> <td>2203 145</td> <td>1204 86</td> <td>2204 43</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205 18</td> <td>2205 9</td> <td></td> <td></td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (2) (\$)</td> <td>0.00</td> <td></td> </tr> </table> <p><i>**or number previously paid, if greater. For Reissues, see above</i></p>	1. BASIC FILING FEE		Fee Description	Fee Paid	Large Entry Fee Code (\$)	Small Entry Fee Code (\$)			1001 770	2001 385	Utility filing fee		1002 340	2002 170	Design filing fee		1003 530	2003 265	Plant filing fee		1004 170	2004 385	Reissue filing fee		1005 150	2005 80	Provisional filing fee		SUBTOTAL (1) (\$)		0.00		Large Entry Fee Code (\$)		Small Entry Fee Code (\$)		Fee Description	Fee Paid	1202 18	2202 9	1201 86	2201 43	Claims in excess of 20		1203 290	2203 145	1204 86	2204 43	Independent claims in excess of 3						Multiple dependent claim, if not paid						** Reissue independent claims over original patent		1205 18	2205 9			** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$)				0.00		<h3 style="text-align: center;">FEE CALCULATION (continued)</h3> <h3 style="text-align: center;">3. ADDITIONAL FEES</h3> <table border="1" style="width: 100%;"> <tr> <th colspan="2">Large Entry Fee Code (\$)</th> <th colspan="2">Small Entry Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr> <td>1051 130</td> <td>2051 65</td> <td>1052 50</td> <td>2052 25</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>1053 130</td> <td>2053 130</td> <td>1812 2,520</td> <td>2520</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>For filing a request for ex parte reexamination</td> <td></td> </tr> <tr> <td>1804 920</td> <td>2804 920</td> <td>1805 1,840</td> <td>2805 1,840</td> <td>Requesting publication of SIF prior to Examiner action</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Requesting publication of SIF after Examiner action</td> <td></td> </tr> <tr> <td>1251 110</td> <td>2251 55</td> <td>1252 420</td> <td>2252 210</td> <td>Extension for reply within first month</td> <td>110.00</td> </tr> <tr> <td>1253 850</td> <td>2253 475</td> <td>1254 1,480</td> <td>2254 740</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1255 2,010</td> <td>2255 1,005</td> <td>1401 330</td> <td>2401 165</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1402 330</td> <td>2402 165</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1403 290</td> <td>2403 145</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1451 1,510</td> <td>2451 755</td> <td>Notice of appeal</td> <td></td> </tr> <tr> <td>1452 110</td> <td>2452 55</td> <td>1453 1,330</td> <td>2453 665</td> <td>Filing brief in support of an appeal</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1501 1,330</td> <td>2501 665</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1502 480</td> <td>2502 240</td> <td>1503 640</td> <td>2503 320</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1504 130</td> <td>2504 65</td> <td>1454 110</td> <td>2454 55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1807 50</td> <td>2807 25</td> <td>1455 1,330</td> <td>2455 665</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1808 180</td> <td>2808 90</td> <td>1505 480</td> <td>2505 240</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>8021 40</td> <td>2809 385</td> <td>1506 480</td> <td>2506 240</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1809 770</td> <td>2810 385</td> <td>1507 640</td> <td>2507 320</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1460 130</td> <td>2460 65</td> <td>Plaintiffs to the Commissioner</td> <td></td> </tr> <tr> <td>1810 770</td> <td>2811 385</td> <td>1807 50</td> <td>2807 25</td> <td>Processing fee under 37 CFR 1.17(g)</td> <td></td> </tr> <tr> <td>1801 770</td> <td>2801 385</td> <td>1808 180</td> <td>2808 90</td> <td>Submission of Information Disclosure Sheet</td> <td></td> </tr> <tr> <td>1802 900</td> <td>2802 450</td> <td>8021 40</td> <td>2801 190</td> <td>Recording each patent assignment per property (unless number of properties)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Filing a submission after final rejection (37 CFR 1.129(a))</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>For each additional invention to be examined (37 CFR 1.129(d))</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>Request for expedited examination of a design application</td> <td></td> </tr> </table> <p>Other fee (specify): _____</p> <p>Reduced by Basic Filing Fee Paid: _____</p> <p style="text-align: right;">SUBTOTAL (3) (\$ 110.00)</p>	Large Entry Fee Code (\$)		Small Entry Fee Code (\$)		Fee Description	Fee Paid	1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath						Surcharge - late provisional filing fee or cover sheet		1053 130	2053 130	1812 2,520	2520	Non-English specification						For filing a request for ex parte reexamination		1804 920	2804 920	1805 1,840	2805 1,840	Requesting publication of SIF prior to Examiner action						Requesting publication of SIF after Examiner action		1251 110	2251 55	1252 420	2252 210	Extension for reply within first month	110.00	1253 850	2253 475	1254 1,480	2254 740	Extension for reply within second month		1255 2,010	2255 1,005	1401 330	2401 165	Extension for reply within third month				1402 330	2402 165	Extension for reply within fourth month				1403 290	2403 145	Extension for reply within fifth month				1451 1,510	2451 755	Notice of appeal		1452 110	2452 55	1453 1,330	2453 665	Filing brief in support of an appeal				1501 1,330	2501 665	Request for oral hearing		1502 480	2502 240	1503 640	2503 320	Petition to institute a public use proceeding		1504 130	2504 65	1454 110	2454 55	Petition to revive - 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SUBMITTED BY		(Complete if applicable)	
Name (Print Type)	Christopher M. Bess	Registration No. (Attorney/Agent)	52603
Signature		Telephone	(703) 905-2013
		Date	April 9, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

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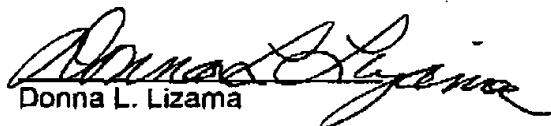
Title: NON-PRIMARY DETONATORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 C.F.R. §1.8**

I hereby certify that the following papers are being facsimile transmitted
to the Patent and Trademark Office at (703) 872-9326 on the date shown below:

PILLSBURY WINTHRUP LLP


Donna L. Lizama

Date: April 9, 2004
P.O. Box 10500
McLean, VA 22102
Telephone: (703) 905-2000
Facsimile: (703) 905-2500

(Certification of Facsimile Transmission--page 1)